

IN THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A sub-miniature arc lamp comprising:

a sapphire body having a first end and a second end, the first end being coupled to a first cap and the second end being coupled to a second cap to define a sealed envelope;

a first electrode comprising a first rod having a first end and a second end, the first end being mounted in the first cap; and

a second electrode comprising a second rod having a first end and a second end, the first end of the second rod being mounted in the second cap.

2. (Previously presented) The sub-miniature arc lamp of claim 1, further comprising one or more getters, each of the one or more getters comprising a disc having a cavity defined substantially at a center of the disc and the first rod of the first electrode passing through the cavity such that the getter is mounted on the first rod between the first and the second ends of the first rod.

3. (Original) The sub-miniature arc lamp of claim 2, wherein the one or more getters include one or more mercury-dispensing getters.
4. (Previously presented) The sub-miniature arc lamp of claim 1, further comprising one or more getters being mounted along the second electrode, each of the one or more getters comprising a disc having a cavity defined substantially at a center of the disc and the second rod of the second electrode passing through the cavity such that the getter is mounted on the second rod between the first and the second ends of the second rod.
5. (Original) The sub-miniature arc lamp of claim 4, wherein the one or more getters include one or more mercury-dispensing getters.
6. (Original) The sub-miniature arc lamp of claim 1, further comprising an airtight housing substantially surrounding the sapphire body.
7. (Original) The sub-miniature arc lamp of claim 6, wherein the airtight housing contains an inert gas.
8. (Original) The sub-miniature arc lamp of claim 1, wherein the sapphire body is a sapphire tube.

9. (Original) The sub-miniature arc lamp of claim 1, wherein the first electrode is an anode and the second electrode is a cathode.
10. (Previously presented) A sub-miniature arc lamp comprising:
a sapphire body having a first end and a second end, the first end being coupled to a first cap and the second end being coupled to a second cap to define a sealed envelope, wherein the sapphire body is substantially surrounded by an airtight housing filled with an inert gas;
a first electrode comprising a first rod having a first end and a second end, the first end being mounted in the first cap and the second end remains substantially freestanding;
a second electrode comprising a second rod having a first end and a second end, the first end of the second electrode being mounted in the second cap and the second end of the second rod remains substantially freestanding; and
one or more getters being mounted along the first electrode.
11. (Original) The sub-miniature arc lamp of claim 10, wherein the one or more getters include one or more mercury-dispensing getters.
12. (Original) The sub-miniature arc lamp of claim 10, further comprising one or more getters being mounted along the second electrode.

13. (Original) The sub-miniature arc lamp of claim 12, wherein the one or more getters include one or more mercury-dispensing getters.

14. (Original) The sub-miniature arc lamp of claim 10, wherein the sapphire body is a sapphire tube.

15-22. (Canceled).